Samsung Electronics **NET-i**

Network Specifications

ITEMS	SUB-ITEMS		SNC-B2335
Network Board	OS		Embedded Linux
	Hardware	Flash memory	32M byte
		RAM	256M byte
		Ethernet	RJ-45 (10/100BASE-T)
		Video Out	VBS 1.0Vp-p
		Audio	Line In / Line Out
		SD Memory Slot	Yes (SD/SDHC)
		PoE	Yes (IEEE802.3af)
Alarm	Input		2ea
	Output		2ea
Video	Compression		H.264 / MPEG4 / MJPEG Multiple Codec(H.264 / MPEG4 selectable) Simultaneous Dual Streaming
	Resolution	4CIF	NTSC : 704x480 / PAL : 704x576
		VGA	640x480
		CIF	NTSC : 352x240 / PAL : 352x288
	Frame Rate		NTSC : 30, 15, 8, 3, 1 fps / PAL : 25, 13, 6, 3, 1 fps
	Quality		1 ~ 10 level (CBR/VBR)
Audio	Compression		G.711
	Bi-Directional Communication		Yes
OSD	Camera Control and Adjustment		OSD menu on Video (Menu enter/exit, move by Web UI)
Motion Detection	Sensitivity and Area Setting		High, Medium, Low
Intelligent Video Analytics	Video Analytics		Scene Change, Virtual Line, Enter / Exit, Appear / Disappear
Protocol	IP		IPv4 / IPv6
	Network Protocol	IPv4	TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTSP, NTP, HTTP, HTTPS, SSL, DHCP, PPPoE, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS
		IPv6	TCP/IP, HTTP, HTTPS, SSL, DHCP
	Streaming		Unicast, Multicast
	Security		HTTPS(SSL) Login Authentication, Digest Login Authentication, IP Address Filtering
	DDNS		Supporting Samsung DDNS and Public DDNS services
Connection	Maximum User Access		Max 10 Users at Unicast Mode, Max 20 Users at Multicast Mode
	User Access Level	Administrator	Live Monitoring, Alarm I/O control, OSD menu control, SETUP
		Operator	Live Monitoring, Alarm I/O control
		User	Live Monitoring
Event Management	Alarm Input		JPEG Image transfer : FTP
	Intelligent Video Detection		JPEG Image Recording : SD memory
	Motion Detection		Notification : notify to viewer or by E-mail (one image attachment), Alarm Out
	Schedule		JPEG Image transfer : FTP, E-mail JPEG Image Recording : SD memory
Web Browser Viewer(Default)	Supported OS		Windows XP, VISTA
	Supported Browser		Internet Explorer 6.0 or Higher
	UI Language		E/F/G/S/I/C/K
	S/W upgrade		Using Web viewer UI
Video Player	RTP/RTSP streaming		Quicktime, VLC player
Video Management Software			Samsung NET-i, 3rd Party S/W application
Application	IP Installation		IP Installer Application for All Samsung IP Devices
SDK	HTTP API	CGI Command	Provides functionality to control cameras and set/retrieve internal parameter values. Get JPEG image or MJPEG stream, Alarm In/Out control
	RTP/RTSP API		RTP Header, RTSP Command Document
	ActiveX	SDK	ActiveX API for viewing data streams from Network camera

H.264 WDR Mini Dome Network Camera
SNC-B5368

KEY Features

- Indoor Mini Dome
- 2.8~11mm Vari-Focal Lens
- Real-time 30(25)ips at High Resolution(4CIF)
- H.264, MPEG-4 & MJPEG Multiple Encoding
- Progressive Scan
- WDR (Wide Dynamic Range)

- Day and Night Function (Software)
- XDR (eXtended Dynamic Range)
- Motion Adaptive DNR (Dynamic Noise Reduction)
- Privacy Mask (12ea)
- DIS (Digital Image Stabilizer)
- PoE (Power over Ethernet)

A1 NEW Network Camera

Camera Specifications

ITEMS	SUB-ITEMS		SNC-B5368
Camera Type	Color/BW		Color
Image	Device		Super-HAD PS CCD
	Size		1/3 inch
	Scan		Progressive Scan (When WDR ON, Interlaced Scan)
	Pixels	Total	NTSC : 811 x 508 / PAL : 795 x 596
		Effective	NTSC : 768 x 494 / PAL : 752 x 582
Scanning	Horizontal Frequency	Internal Mode	NTSC : 15,734 Hz / PAL : 15,625 Hz
		Line-lock Mode	NTSC : 15,750 Hz / PAL : 15,625 Hz
	Vertical Frequency	Internal Mode	NTSC : 59.94 Hz / PAL : 50 Hz
		Line-lock Mode	NTSC : 60 Hz / PAL : 50 Hz
Min. Scene Illumination @ F1.2	Color	Sens Off	0.12 Lux(15 IRE), 0.2 Lux(30 IRE), 0.4Lux(50 IRE)
		Sens Up 512x	0.00023 Lux(15 IRE), 0.0005 Lux(30 IRE), 0.0008Lux(50 IRE)
	B/W	Sens Off	0.12 Lux(15 IRE), 0.2 Lux(30 IRE), 0.4Lux(50 IRE)
		Sens Up 512x	0.00023 Lux(15 IRE), 0.0005 Lux(30 IRE), 0.0008Lux(50 IRE)
Functions (OSD Menu)	Number of Privacy Zone		12 (Polygonal Method)
	Day/Night		Color / BW / AUTO (Soft Method)
	eXtended Dynamic Range (XDR)		Off/On (Level Setting)
	Wide Dynamic Range (WDR)		NTSC : Off/On (128x) / PAL : Off/On (160x)
	D-Zoom		1x ~ 16x (0.1x STEP)
	PIP		Off/On
	High Speed Shutter		NTSC : 1/60 ~ 1/10Ksec / PAL : 1/50 ~ 1/10Ksec
	Flickerless		Off/On
	Sens Up		2x ~ 512x
	BLC		Off/On (Area Setting)
	AGC		Off/On (Max.Level Setting)
	White Balance		ATW1 / ATW2 / AWC / MANUAL
	Digital Noise Reduction (DNR)		Off/On (Adaptive 3D+2D)
	Digital Image Stabilizer (DIS)		Off/On
	Camera ID		Off/On (Max.54ea/2Line)
	Etc. Function		Detail, Reverse(H/V), Posi/Nega
Resolution	Horizontal		600 TV Lines
	Vertical		350 TV Lines
Video Output	VBS 1.0Vp-p		VBS 1.0Vp-p
S/N Ratio	S/N Ratio		52 dB
Lens	Focal Length		2.8~11mm
	Zoom Ratio		3.9x
	Aperture Ratio		F1.2
	Viewing Angle	Tele	28.8°(H) x 21.6°(V)
		Wide	94.6°(H) x 68.4°(V)
	Lens Drive Type		AI(DC)
	Mount Type		Board Type
Environmental Conditions	Operating Temperature		-10°C ~ 50°C
	Operating Humidity		Less than 90%
Power	Power Requirement		AC24V, DC12V, PoE
	Power Consumption		8 W
Physical Specification	Dimensions (WxHxD)	Net	129.4(H) x 133(ø) mm
		Package	178 x 161 x 178 mm
	Weight	Net	523 g
		Package	840.2 g
	Color	Body	White
	Case		Plastic

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	Bi-Directional Communication		N/A
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		IPv6	TCP/IP, HTTP, HTTPS, SSL, DHCP
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